



I hereby certify that this correspondence is being mailed by first class mail with sufficient postage to  
Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450  
On: May 5, 2006.

Robert Moll  
Robert Moll, Registration No. 33,741

**U.S. PATENT AND TRADEMARK OFFICE**

In re Application of: Michael Lee Workman et al.

Examiner: Ilwoo Park

Title: Systems and Methods of Multiple Access

Art Unit: 2182

Paths to Single Ported Storage Devices

Attorney Docket No. Pillar 716

Application No. 10/677,560

Filing Date: October 1, 2003

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Examiner Park:

This information disclosure statement (IDS) is filed under 37 CFR 1.97:

\_\_\_ (b)(1) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);

\_\_\_ (b)(2) Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;

\_\_\_ (b)(3) Before the mailing of a first Office action on the merits; or

\_\_\_ (b)(4) Before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

☒ (c) After the period specified in paragraph (b) of this section before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and accompanied by one of:

\_\_\_ (1) The statement specified in paragraph (e) of this section; or

☒ (2) The fee set forth in § 1.17(p).

\_\_\_ (d) After the period specified in paragraph (c) of this section on or before payment of the issue fee and accompanied by:

\_\_\_ (1) The statement specified in paragraph (e) of this section; and

\_\_\_ (2) The fee set forth in § 1.17(p).

\_\_\_ (e) I state under this section either:

\_\_\_ (1) That each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or

\_\_\_ (2) That no item of information contained in the IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in § 1.56(c) more than three months before filing of the IDS.

This IDS is filed under 37 CFR 1.98:

X Applicant(s) submit PTO/SB/08A form(s) and/or PTO/SB/08B form(s).

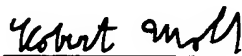
X Applicant(s) submit copies of patents, publications, and/or other information in a PTO/SB/08B form labeled 2 of 3 for consideration by the Office.

Applicant(s) list patents, publications or other information in PTO/SB/08A form(s) labeled 1 of 3 and 3 of 3 for consideration by the Office but provide no copies as permitted by § 1.98.

Applicant(s) understand under 1.97(f) no extensions of time for filing an IDS are permitted § 1.136 but if a bona fide attempt is made to comply with § 1.98, and part of the required content is inadvertently omitted, additional time may be given for compliance, under 1.97(g) filing of an IDS is not a representation a search was made, and under 1.97(h) filing of an IDS is not an admission the information in the IDS is considered to be material to patentability as defined in § 1.56(b).

Please email reply if you have a question, comment or it will expedite prosecution.

Respectfully submitted,



Robert Moll

Reg. No. 33,741

1173 St. Charles Court

Los Altos, CA 94024

Tel: 650-567-9153

Fax: 650-567-9183

Email: rgmoll@patentplanet.com

**Complete if Known**

*(Use as many sheets as necessary)*

Sheet	1	of	3
-------	---	----	---

Application Number	10/677,560
Filing Date	October 1, 2003
First Named Inventor	Michael Lee Workman
Art Unit	2182
Examiner Name	Ilwoo Park
Attorney Docket Number	Pillar 716

[illegible][illegible]Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/677,560
				Filing Date	October 1, 2003
				First Named Inventor	Michael Lee Workman
				Art Unit	2182
				Examiner Name	Ilwoo Park
Sheet	2	of	3	Attorney Docket Number	Pillar 716

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		John M. Goodman, Hard Disk Secrets, copyrighted 1990 & 1993, pages 92-93	
		Serial ATA II: Port Selector Revision 1.0 28-July-2003	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 3

**Complete if Known**

Application Number	10/677,560
Filing Date	October 1, 2003
First Named Inventor	Michael Lee Workman
Art Unit	2182
Examiner Name	Ilwoo Park
Attorney Docket Number	Pillar 716

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
		US- 6,820,212	11-16-2004	Duchesne et al.	
		US- 6,792,486	09-14-2004	Hanan et al.	
		US- 5,781,716	07-14-1998	Hemphill et al.	
		US- 5,675,723	10-07-1997	Ekrot et al.	
		US- 2005/0251588	11-10-2005	Hoch et al.	
		US- 2004/0225775	11-11-2004	Pellegrino et al.	
		US- 2004/0117545	06-17-2004	Borsini et al.	
		US- 2003/0184902	10-02-2003	Thiesfield	
		US- 2002/0038436	03-28-2002	Suzuki	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.